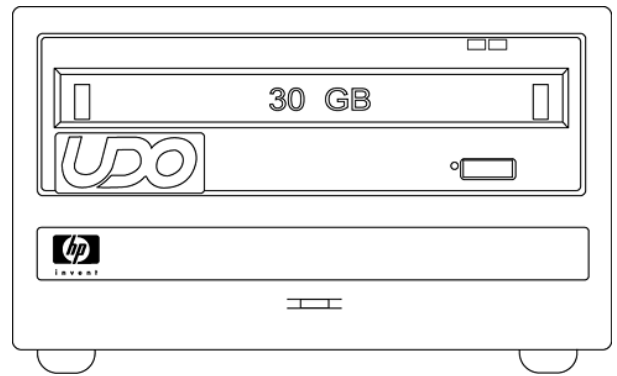
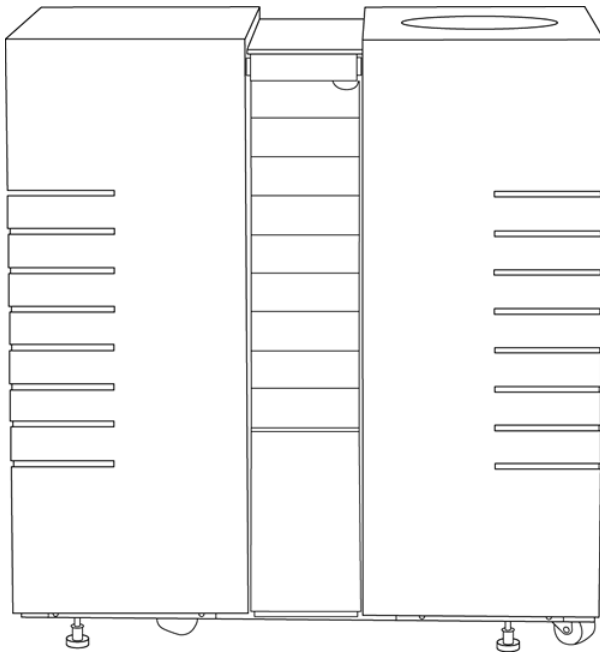


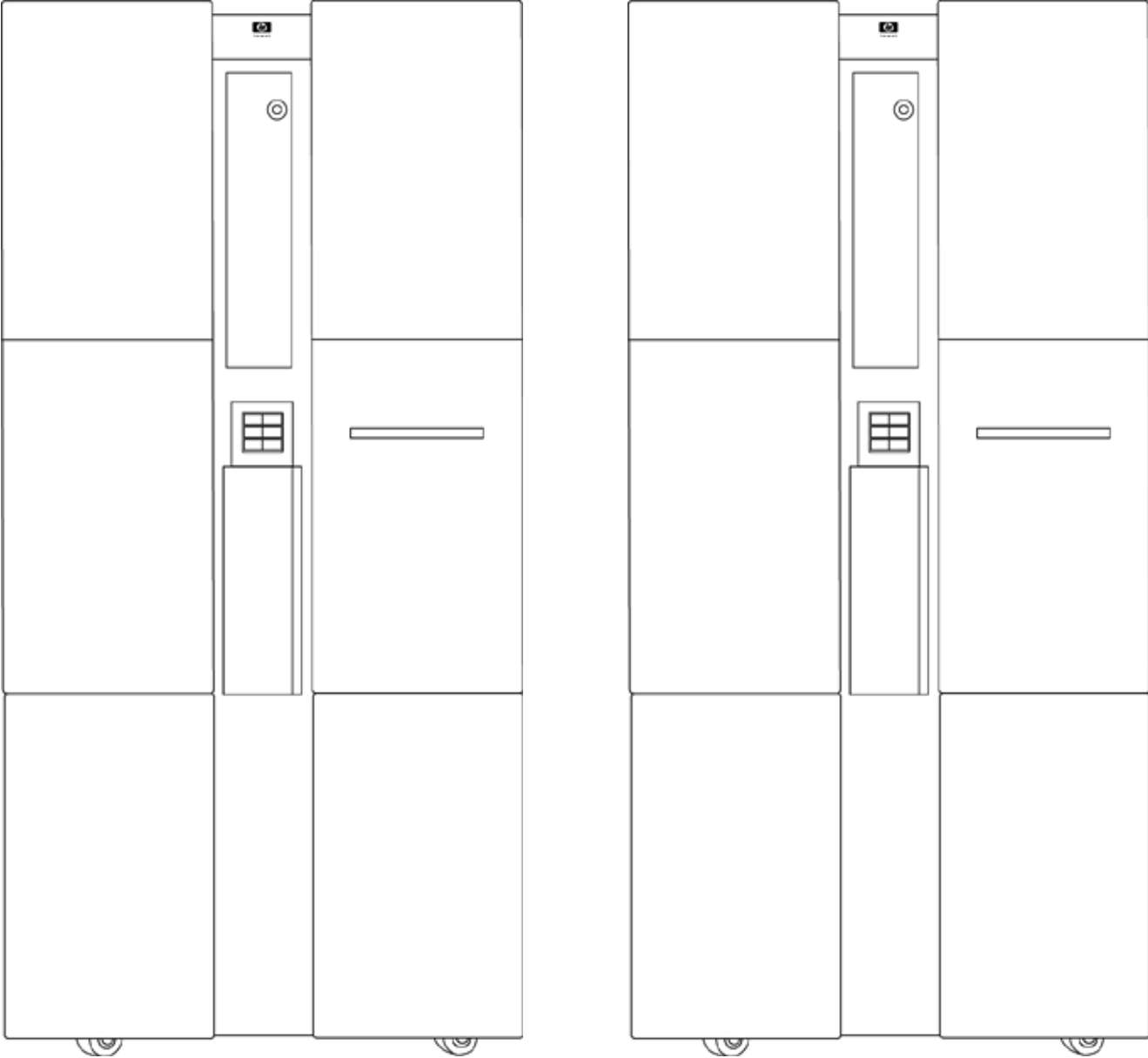
### Overview

Providing long term, cost-effective, archival storage is what the HP StorageWorks Optical Jukebox family of products delivers. These jukeboxes, with 30 GB Ultra Density Optical (UDO) drives, are able to provide a storage capacity to meet most any need. Starting with a standalone desktop box at 30 GB all the way up to the largest jukebox with 7.1 TB of capacity, these jukeboxes come with differing number of slots for disks as well as drives. Customers can purchase an entry-level unit and at a later time increase the capacity or the number of drives, providing investment protection. These products can help round out any corporations need for Information Lifecycle Management by providing archival portion for those records that are either less frequently accessed or need to be kept for regulatory or audit purposes.

### HP StorageWorks Optical Jukeboxes



Overview



### Overview

#### Models

<b>HP StorageWorks Optical Jukeboxes</b>	HP StorageWorks Optical 30ux Stand-alone <b>NOTE: 30 GB Stand-alone - Desktop UDO drive</b>	AA961A
	HP StorageWorks Optical 1000ux Jukebox <b>NOTE: 32 slot, 2 UDO drive jukebox</b>	AA965A
	HP StorageWorks Optical 1900ux Jukebox <b>NOTE: 64 slot, 4 UDO drive jukebox</b>	AA966A
	HP StorageWorks Optical 1900ux Jukebox <b>NOTE: 64 slot, mixed drive, 2 UDO, 2 MO jukebox</b>	AA968A
	HP StorageWorks Optical 2300ux Jukebox <b>NOTE: 76 slot, 2 UDO drive jukebox</b>	AA967A
	HP StorageWorks Optical 3800ux Jukebox <b>NOTE: 128 slot, 4 UDO drive jukebox</b>	AA969A
	HP StorageWorks Optical 3800ux Jukebox <b>NOTE: 128 slot, 6 UDO drive jukebox</b>	AA970A
	HP StorageWorks Optical 7100ux Jukebox <b>NOTE: 238 slot, 4 UDO drive jukebox</b>	AA973A
	HP StorageWorks Optical 7100ux Jukebox <b>NOTE: 238 slot, 6 UDO drive jukebox</b>	AA971A
	HP StorageWorks Optical 7100ux Jukebox <b>NOTE: 238 slot, 10 UDO drive jukebox</b>	AA972A
	HP Storage Works Optical 7100ux Jukebox <b>NOTE: 238 slot, mixed drive, 6 UDO, 4 MO jukebox</b>	AA974A

#### Key Features

- Three times the storage capacity of previous Magneto-Optical technology in the same footprint
- Capacities up to 7.1TB
- Transfer rates of up to 8 MB/s read and 4 MB/s write
- Low Voltage Differential SCSI connectivity across the family
- Mixed media capability in mid-range and high-end

#### Customer Benefits

- Increased transfer rates means faster archiving and retrieval of data
- Costs drop by as much as 75% when compared with Magneto-Optical due to increased capacity
- Ability to upgrade within the family as well as convert from previous generation MO technology
- Ability to have mixed drive jukebox allows easier technology transition
- Low Voltage Differential SCSI connectivity allows for easier connection to today's servers

#### Family Comparison

	<b>30ux</b>	<b>1000ux</b>	<b>1900ux</b>	<b>2300ux</b>	<b>3800ux</b>	<b>7100ux</b>
<b>Announce Date</b>	May 2004	May 2004	May 2004	May 2004	May 2004	May 2004
<b>Capacity</b>	30 GB	960 GB	1920 GB	2280 GB	3840 GB	7140 GB
<b>Slots</b>	n/a	32	64	76	128	238
<b>Drives</b>	1	2	4	2	4 or 6	4, 6 or 10
<b>MTBF</b>	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours

### Product Highlights

<b>Capacity</b>	The HP StorageWorks Optical Jukebox family provides a range of capacities; 30 GB in the stand-alone drive and 1 TB to 7.1 TB in the mid-range and high-end jukeboxes.
<b>Scalability</b>	HP StorageWorks Optical Jukeboxes can be upgraded within each of the sub-families to provide increased storage capacity and/or increased drive count for greater throughput.
<b>Performance</b>	HP StorageWorks Optical Jukeboxes with UDO drives have transfer rates of up to 8 MB/s read and 4 MB/s write
<b>Easy Installation</b>	HP installation services are available to make installing these jukeboxes go smoothly.
<b>UDO Technology</b>	Ultra Density Optical technology provides over three times the capacity of previous generation Magneto-Optical technologies. Along with this improvement in capacity, the WORM process has been changed to that of phase-change.
<b>Reliability</b>	HP StorageWorks Optical Jukeboxes are among the most reliable jukeboxes in the industry. The majority of HP optical jukeboxes have a minimum of 2,000,000 swaps between failures on the robotics. This means that the customer has to worry less about downtime and can focus on other business critical items.
<b>ISV Support</b>	HP StorageWorks Optical Jukeboxes are supported by a number of Independent Software Vendors. This allows HP to more easily provide a solution that will meet your specific business needs. Complete list can be found at <a href="http://www.hp.com/go/udo">http://www.hp.com/go/udo</a>
<b>HP StorageWorks Library and Tape Tools</b>	The HP StorageWorks Optical Jukeboxes are supported on HP's industry-leading diagnostic tool - HP StorageWorks Library and Tape Tools (L&TT). L&TT is a single, convenient program that's a snap to install and simple to operate. L&TT's intuitive user interface eliminates the need for training and deploys in less than five minutes. This robust diagnostic tool is designed for both the experienced professional and the untrained administrator. It ensures product integrity through self-diagnostics and fast resolution to device concerns. Additional information on L&TT plus download information can be found at <a href="http://www.hp.com/support/tapetools">http://www.hp.com/support/tapetools</a>

### Compatibility

HP's extensive compatibility testing program assures that your HP StorageWorks Optical Jukebox works with leading servers, operating systems, and backup applications - and not just those sold by HP. HP Optical Jukeboxes work seamlessly in many environments, making them especially suitable if you have a mixed system environment. For the latest list of servers, workstations, operating systems, and backup software that support HP Optical Jukeboxes, check the compatibility pages on our web site at: <http://www.hp.com/go/udo>

**HP Server Compatibility** The HP StorageWorks Optical Jukeboxes are supported on the following classes of HP systems:

- HP ProLiant DL servers
- HP ProLiant ML servers
- HP AlphaServers
- HP-UX

For the latest details, visit <http://www.hp.com/go/udo> for the latest hardware compatibility information.

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### OS Support

The HP StorageWorks Optical Jukeboxes are supported on the following operating systems through various ISVs but are not limited to:

- HP-UX
- AIX
- Linux
- Tru64
- Solaris
- Microsoft® Windows®

**NOTE:** Please visit <http://www.hp.com/go/udo> for the latest compatibility information.

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### Software Support

The HP StorageWorks Optical Jukeboxes are supported by a number of ISVs

**NOTE:** Please visit <http://www.hp.com/go/udo> for the latest ISV information.

### Service and Support, HP Care Pack and Warranty Information

**Warranty - Jukebox** The warranty for the HP Optical Jukebox products is a 1 year, next-day, on-site, parts and labor warranty.

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**Warranty - Stand-alone** The warranty for the HP Optical 30ux Stand-alone is a 1 year, next-day exchange warranty

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**Warranty Upgrade Options**

- Response - Upgrade on-site response from next business day to same day 4-hours
- Coverage - Extend hours of coverage from 9 hours x 5 days to 24 hours x 7 days
- Duration Select duration of coverage for a period of 1, 3, or 5 years

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**HP Care Pack Information** HP Care Pack is defined as an upgrade to the product warranty attribute, available for a specific duration and hours of coverage

- HP Care Pack is not available for less than the product's warranty duration
  - HP Care Pack is available for sale anytime during the warranty period for most products, but the commencement date will be the same as the Warranty Start Date (delivery date to end user customer). Proof of purchase may be required
  - HP Care Pack services are prepaid
  - For additional HP Care Pack (hardware & software) information please refer to the URL listed below:  
<http://h18005.www1.hp.com/services/carepaq/index.html>
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**Software Product Services** Standalone telephone support  
Rights to new license version  
Media and documentation updates

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**Hardware Product Services**

- Installation services (see above)
- On-site Maintenance (includes warranty support)
- Response time upgrades during the warranty period
- Post-warranty coverage
- For additional hardware installation and maintenance information please refer to the URLs listed below:  
<http://h18005.www1.hp.com/services/carepaq/us/install/>  
<http://h18005.www1.hp.com/services/carepaq/us/hardware/>

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**HP Care Pack PS Information for EMEA** HP Care Pack Priority Services brings a totally new approach that removes the complexity from evaluating, planning and purchasing services on HP Alpha and Storage platforms. HP Care Pack Priority Services are easy to purchase and easy to use and cover all external storage products not covered under Server based HP Care Pack services.  
Standard Offerings:

- HP Care Pack Priority Services provide an integrated hardware and software support that ensure consistent coverage across storage configurations.
  - HP Care Pack Priority Service offers a rapid four-hour response with guaranteed work-through to completion for three years.
  - HP Care Pack Priority Services have a standard call window of Monday to Friday 08:00 - 17:00 with uplifts to full 24x7 over three years with four-hour response time and work through to completion.
  - HP Care Pack Priority Services also provide software support, with a two-hour response time for telephone access to highly trained support personnel.
  - For more information on how to order HP Care Pack Priority Services in EMEA please contact your local Certified Integration Partner or Authorized Reseller.
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### Service and Support, HP Care Pack and Warranty Information

#### Support Services Standalone

Hewlett-Packard provides a 1-year mfg exchange, limited warranty for the 30ux Subsystem, plus 9x5 phone support for the duration of the warranty. In addition, available service offerings include a full range of optional packaged hardware and software services:

- Installation
- Extended coverage hours and enhanced response times
- System management and performance services
- Availability and recovery services

#### Support Services Jukeboxes

Hewlett-Packard provides a 1-year, next-day, 13x5 on-site, limited warranty for the HP StorageWorks Optical Jukeboxes, plus 9x5 phone support for the duration of the warranty. In addition, available service offerings include a full range of optional packaged hardware and software services:

- Installation
- Extended coverage hours and enhanced response times
- System management and performance services
- Availability and recovery services

#### Components

The following brick level options/components do not have individual HP Care Pack Services. These items will be included in product HP Care Pack Services into which they are installed.

Disk Drives	Tape Drives	CD/DVD ROM	SCSI Hubs in SBBs	Adapters
Bus Converters	Backplane RAID Controllers	Power Supplies	Cabling	Fans

### Configuration Information

#### Optical Jukebox - Base Configuration

Select one:

Model Name	Model Description	Part Number
HP StorageWorks Optical 1000ux	2 UDO Drive	AA965A
HP StorageWorks Optical 1900ux	4 UDO Drive	AA966A
HP StorageWorks Optical 2300ux	2 UDO Drive	AA967A
HP StorageWorks Optical 1900ux	Mixed drive, 2 UDO, 2 MO	AA968A
HP StorageWorks Optical 3800ux	4 UDO Drive	AA969A
HP StorageWorks Optical 3800ux	6 UDO Drive	AA970A
HP StorageWorks Optical 7100ux	6 UDO Drive	AA971A
HP StorageWorks Optical 7100ux	10 UDO Drive	AA972A
HP StorageWorks Optical 7100ux	4 UDO Drive	AA973A
HP StorageWorks Optical 7100ux	Mixed drive, 6 UDO, 4 MO	AA974A

#### Supplied with each Jukebox

- (1) 68-pin LVD SCSI terminator
- (1) U.S. Power Cord
- Documentation CD, including user guide and quick start poster
- Safety warnings
- (1) 30 GB rewritable piece of UDO media

Stand-Alone Model Name	Model Description	Part Number
HP StorageWorks Optical 30ux	1 UDO Drive Stand-Alone Desktop	AA961A

#### Supplied with each Stand-Alone

- (1) 68-pin LVD SCSI terminator
- (1) U.S. Power Cord
- Documentation CD, including user guide and quick start poster
- Safety warnings
- (1) 30 GB rewritable piece of UDO media



### Related Options

**Upgrade/Conversion Kits** **NOTE:** Please see the upgrade/conversion matrix for actual kit combinations at <http://www.hp.com/go/udo>.

#### 1200mx/660ex MO to UDO Conversion

AA991A

##### KIT INCLUDES:

- 4 UDO drives, 4 ACI cables, 4 SCSI drive cables
- Upper Interposer board
- One SCSI jumper cable
- One new label for UDO
- One new buffer card
- One UIP to Buffer SCSI cable
- One new GPIO cable
- LVDS terminator

#### 2200mx/1200ex MO to UDO Conversion or 3800ux Capacity Upgrade

AA992A

##### KIT INCLUDES:

- Lower Interposer board
- 2nd buffer
- One SCSI jumper cable
- LIP to Buffer SCSI cable
- Second power supply (already set up)
- Power supply DC cable
- Power supply AC cable
- Media detect station
- MO drive conversion for converting 4 MO drives includes:
  - LVD SCSI cable(2)
  - MO ACI cable(2)
  - LVD-SE converters(4)
- LVDS terminator

#### 3800ux or 7100ux Drive Upgrade

AA993A

##### KIT INCLUDES:

- 2 UDO drives in a module including
  - UDO SCSI cable
  - Drive power cable
  - UDO ACI cable

#### 300mx/160ex MO to UDO Conversion

AA994A

##### KIT INCLUDES:

- 2 UDO drives
  - 2 UDO Udot ACI cables
  - 2 UDO Udot SCSI cables
  - Interposer board
- 2 SCSI jumper cables (for unused SCSI on interposer)
- Buffer card
- New label for UDO
- LVDS Interposer to buffer SCSI cable
- SE interposer to controller SCSI cable
- LVDS terminator

#### 600mx Mixed Drive Conversion

AA995A

##### KIT INCLUDES:

- Media detect station
- MO to new interposer cables for two MO drives including
  - MO ACI cable (2)
  - MO LVDS cable (2)
  - LVDS to SE converter (2)

#### 1000ux Drive and Capacity Upgrade

AA996A

##### KIT INCLUDES:

### Related Options

- Udot UDO ACI cable
- Udot drive power cable
- Udot UDO SCSI cable
- ID module

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Media	HP UDO 30GB Write-Once Disk	Q2030A
	HP UDO 30GB Rewritable Disk	Q2031A

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Host Bus Adapters and Controllers for ProLiant Servers **NOTE:** For a complete list, please visit <http://www.hp.com/go/udo>

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Power Cords for non-U.S. regions	Optical power cord European - ABB	AD526A
	Optical power cord Australian - ABG	AD527A
	Optical power cord United Kingdom - ABU	AD528A
	Optical power cord Switzerland - ACD	AD529A
	Optical power cord Denmark - ACE	AD530A
	Optical power cord Japan - ACF	AD531A
	Optical power cord South Africa - ACQ	AD532A
	Optical power cord China - AKM	AD533A
	Optical power cord Latin America - AKY (actually 2 cords)	AD534A

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SCSI cables **NOTE:** Jukeboxes are HDTS 68 pin, server end may be HDTS 68 or VHDS 68 pin

#### HDTS 68 pin to HDTS 68 pin

1 m, male-to-male, multimode	C2911C
2.5 m, male-to-male, multimode	C2924C
5 m, male-to-male, multimode	C7521A
10 m, male-to-male, multimode	C7522A
20 m, male-to-male, multimode	C7532A

#### VHDS 68 pin to HDTS 68 pin

1 m, male-to-male, multimode	C2631B
2.5 m, male-to-male, multimode	C2362B
5 m, male-to-male, multimode	C2365B
10 m, male-to-male, multimode	C2363B

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SCSI Terminators	HDTS 68 pin, LVD/SE, male	C2364A
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Fibre to SCSI Routers	HP StorageWorks Network Storage Router N1200	280823-B21
	HP StorageWorks Network Storage Router M2402	262653-B21

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Fibre Optic Cables	2 m LC 50/125 duplex, multimode, male-to-male	C7524A
	16 m LC 50/125 duplex, multimode, male-to-male	C7525A
	50 m LC 50/125 duplex, multimode, male-to-male	C7526A
	200 m LC 50/125 duplex, multimode, male-to-male	C7527A

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HP Care Pack Services **NOTE:** 'A' or 'PA' signifies a physical Care Pack, 'E' or 'PE' signifies an electronic Care Pack.  
**30ux Fixed Care Pack Services**

Installation	U4823A
Installation (Electronic)	U4823E

### Related Options

HW, "3-year", "NBD", "13x5", "on-site"	U6372A
HW, "3-year", "NBD", "13x5", "on-site" (Electronic)	U6372E
HW, "3-year", "4-hour", "13x5", "on-site"	H4438A
HW, "3-year", "4-hour", "13x5", "on-site" (Electronic)	H4438E
HW, "3-year", "4-hour", "24x7", "on-site"	U2852A
HW, "3-year", "4-hour", "24x7", "on-site" (Electronic)	U2852E
HW, "3-year", "6hr CTR", "24x7", "on-site"	U6373A
<b>NOTE: Not available in North or Latin America.</b>	
HW, "3-year", "6hr CTR", "24x7", "on-site" (Electronic)	U6373E
<b>NOTE: Not available in North or Latin America.</b>	
HW, "4-year", "4-hour", "13x5", "on-site"	U9430A
HW, "4-year", "4-hour", "13x5", "on-site" (Electronic)	U9430E
HW, "4-year", "4-hour", "24x7", "on-site"	U9431A
HW, "4-year", "4-hour", "24x7", "on-site" (Electronic)	U9431E
HW, "5-year", "4-hour", "13x5", "on-site"	U9432A
HW, "5-year", "4-hour", "13x5", "on-site" (Electronic)	U9432E
HW, "5-year", "4-hour", "24x7", "on-site"	U9433A
HW, "5-year", "4-hour", "24x7", "on-site" (Electronic)	U9433E
<b>1000ux, 1900ux and 2300ux Fixed Care Pack Services</b>	
Installation	U4823A
Installation (Electronic)	U4823E
HW, "3-year", "NBD", "13x5", "on-site"	U6376A
HW, "3-year", "NBD", "13x5", "on-site" (Electronic)	U6376E
HW, "3-year", "4-hour", "13x5", "on-site"	H5532A
HW, "3-year", "4-hour", "13x5", "on-site" (Electronic)	H5532E
HW, "3-year", "4-hour", "24x7", "on-site"	U2854A
HW, "3-year", "4-hour", "24x7", "on-site" (Electronic)	U2854E
HW, "3-year", "6hr CTR", "24x7", "on-site"	U6377A
<b>NOTE: Not available in North or Latin America.</b>	
HW, "3-year", "6hr CTR", "24x7", "on-site" (Electronic)	U6377E
<b>NOTE: Not available in North or Latin America.</b>	
HW, "4-year", "4-hour", "13x5", "on-site"	U9438A
HW, "4-year", "4-hour", "13x5", "on-site" (Electronic)	U9438E
HW, "4-year", "4-hour", "24x7", "on-site"	U9439A
HW, "4-year", "4-hour", "24x7", "on-site" (Electronic)	U9439E
HW, "5-year", "4-hour", "13x5", "on-site"	U9440A
HW, "5-year", "4-hour", "13x5", "on-site" (Electronic)	U9440E
HW, "5-year", "4-hour", "24x7", "on-site"	U9441A
HW, "5-year", "4-hour", "24x7", "on-site" (Electronic)	U9441E
HW, "1-year", "4-hour", "13x5", "on-site", "post warranty"	U3507PE
HW, "1-year", "4-hour", "24x7", "on-site", "post warranty"	U3504PE
<b>3800ux Fixed Care Pack Services</b>	
Installation	U4823A
Installation (Electronic)	U4823E
HW, "3-year", "NBD", "13x5", "on-site"	U6378A
HW, "3-year", "NBD", "13x5", "on-site" (Electronic)	U6378E
HW, "3-year", "4-hour", "13x5", "on-site"	H5533A
HW, "3-year", "4-hour", "13x5", "on-site" (Electronic)	H5533E
HW, "3-year", "4-hour", "24x7", "on-site"	H4435A
HW, "3-year", "4-hour", "24x7", "on-site" (Electronic)	H4435E
HW, "3-year", "6hr CTR", "24x7", "on-site"	U6379A
<b>NOTE: Not available in North or Latin America.</b>	
HW, "3-year", "6hr CTR", "24x7", "on-site" (Electronic)	U6379E
<b>NOTE: Not available in North or Latin America.</b>	
HW, "4-year", "4-hour", "13x5", "on-site"	U9442A

### Related Options

HW, "4-year", "4-hour", "13x5", "on-site" (Electronic)	U9442E
HW, "4-year", "4-hour", "24x7", "on-site"	U9443A
HW, "4-year", "4-hour", "24x7", "on-site" (Electronic)	U9443E
HW, "5-year", "4-hour", "13x5", "on-site"	U9444A
HW, "5-year", "4-hour", "13x5", "on-site" (Electronic)	U9444E
HW, "5-year", "4-hour", "24x7", "on-site"	U9445A
HW, "5-year", "4-hour", "24x7", "on-site" (Electronic)	U9445E
HW, "1-year", "4-hour", "13x5", "on-site", "post warranty"	H2732PA
HW, "1-year", "4-hour", "13x5", "on-site", "post warranty" (Electronic)	H2732PE
HW, "1-year", "4-hour", "24x7", "on-site", "post warranty"	U3505PE
<b>7100ux Fixed Care Pack Services</b>	
Installation	U4823A
Installation (Electronic)	U4823E
HW, "3-year", "NBD", "13x5", "on-site"	U6380A
HW, "3-year", "NBD", "13x5", "on-site" (Electronic)	U6380E
HW, "3-year", "4-hour", "13x5", "on-site"	H5534A
HW, "3-year", "4-hour", "13x5", "on-site" (Electronic)	H5534E
HW, "3-year", "4-hour", "24x7", "on-site"	H4436A
HW, "3-year", "4-hour", "24x7", "on-site" (Electronic)	H4436E
HW, "3-year", "6hr CTR", "24x7", "on-site"	U6381A
<b>NOTE: Not available in North or Latin America.</b>	
HW, "3-year", "6hr CTR", "24x7", "on-site" (Electronic)	U6381E
<b>NOTE: Not available in North or Latin America.</b>	
HW, "4-year", "4-hour", "13x5", "on-site"	U9446A
HW, "4-year", "4-hour", "13x5", "on-site" (Electronic)	U9446E
HW, "4-year", "4-hour", "24x7", "on-site"	U9447A
HW, "4-year", "4-hour", "24x7", "on-site" (Electronic)	U9447E
HW, "5-year", "4-hour", "13x5", "on-site"	U9448A
HW, "5-year", "4-hour", "13x5", "on-site" (Electronic)	U9448E
HW, "5-year", "4-hour", "24x7", "on-site"	U9449A
HW, "5-year", "4-hour", "24x7", "on-site" (Electronic)	U9449E
HW, "1-year", "4-hour", "13x5", "on-site", "post warranty"	H2733PA
HW, "1-year", "4-hour", "13x5", "on-site", "post warranty" (Electronic)	H2733PE
HW, "1-year", "4-hour", "24x7", "on-site", "post warranty"	U3506PE
<b>All "ux" Jukebox Flexible Care Pack Services</b>	
Installation	HA113A1
HW, "1-year", "4-hour", "13x5", "on-site"	HA103A1
HW, "1-year", "4-hour", "24x7", "on-site"	HA104A1
HW, "1-year", "6hr CTR", "24x7", "on-site"	HA105A1
<b>NOTE: Not available in North or Latin America.</b>	
HW, "1-year", "Support Plus", "13x5", "on-site"	HA109A1
HW, "1-year", "Support Plus 24", "on-site"	HA110A1
HW, "1-year", "Proactive 24", "on-site"	HA111A1
HW, "1-year", "Critical Service", "on-site"	HA112A1
HW, "3-year", "next-day", "13x5", "on-site"	HA101A3
HW, "3-year", "4-hour", "13x5", "on-site"	HA103A3
HW, "3-year", "4-hour", "24x7", "on-site"	HA104A3
HW, "3-year", "6hr CTR", "24x7", "on-site"	HA105A3
<b>NOTE: Not available in North or Latin America.</b>	
HW, "3-year", "Support Plus", "13x5", "on-site"	HA109A3
HW, "3-year", "Support Plus 24", "on-site"	HA110A3
HW, "3-year", "Proactive 24", "on-site"	HA111A3
HW, "3-year", "Critical Service", "on-site"	HA112A3

### Technical Specifications

		Model 300ux	Model 1000ux	Model 1900ux	Model 2300ux	Model 3800ux	Model 7100ux	
<b>Protocol Support</b>		SCSI-2 Fast Wide LVD	SCSI-2 Fast Wide LVD	SCSI-2 Fast Wide LVD	SCSI-2 Fast Wide LVD	SCSI-2 Fast Wide LVD	SCSI-2 Fast Wide LVD	
<b>Drives Supported</b>		UDO 30 GB	UDO 30 GB	UDO 30 GB or mixed UDO 30 GB and MO 9.1 GB	UDO 30 GB	UDO 30 GB	UDO 30 GB or mixed UDO 30 GB and MO 9.1 GB	
<b>Number of Drives</b>		1	2	4	2	4 or 6	4, 6 or 10	
<b>Maximum Transfer Rate</b>	<b>Read</b>	8 MB/s	8 MB/s	8 MB/s	8 MB/s	8 MB/s	8 MB/s	
	<b>Write</b>	4 MB/s	4 MB/s	4 MB/s	4 MB/s	4 MB/s	4 MB/s	
<b>Operating Dimensions (HxWxD)</b>		3.9 x 6.5 x 11.0 in (10.0 x 16.5 x 28 cm)	36.0 x 33.9 x 19.0 in (91.4 x 86.3 x 48.2 cm)	36.0 x 33.9 x 19.0 in (91.4 x 86.3 x 48.2 cm)	36.0 x 33.9 x 19.0 in (91.4 x 86.3 x 48.2 cm)	71.1 x 34.5 x 29.2 in (180.7 x 87.6 x 74.2 cm)	71.1 x 34.5 x 29.2 in (180.7 x 87.6 x 74.2 cm)	
<b>Shipping Dimensions</b>		14.0 x 17.5 x 20.0 in (35.5 x 44.5 x 50.5 cm)	44.0 x 41.0 x 27.0 in (111.8 x 104.1 x 68.6 cm)	44.0 x 41.0 x 27.0 in (111.8 x 104.1 x 68.6 cm)	44.0 x 41.0 x 27.0 in (111.8 x 104.1 x 68.6 cm)	80.0 x 48.0 x 38.0 in (203.2 x 121.9 x 96.5 cm)	80.0 x 48.0 x 38.0 in (203.2 x 121.9 x 96.5 cm)	
<b>Operating Weight</b>		8.2 lbs (3.7 kg)	220 lbs (100 kg)	220 lbs (100 kg)	220 lbs (100 kg)	490 lbs (222.7 kg)	490 lbs (222.7 kg)	
<b>Shipping Weight</b>		9.7 lbs (4.4 kg)	280 lbs (127 kg)	280 lbs (127 kg)	280 lbs (127 kg)	657 lbs (298 kg)	657 lbs (298 kg)	
<b>Relative Humidity (non-condensing)</b>	<b>Operating</b>	10 to 80%	10 to 80%	10 to 80%	10 to 80%	10 to 80%	10 to 80%	
	<b>Shipping</b>	5 to 90%	5 to 90%	5 to 90%	5 to 90%	5 to 90%	5 to 90%	
<b>Temperature Range</b>	<b>Operating</b>	59°F to 95°F (15° C to 35° C)	50°F to 95°F (10° C to 35° C)	50°F to 95°F (10° C to 35° C)	50°F to 95°F (10° C to 35° C)	50°F to 95°F (10° C to 35° C)	50°F to 95°F (10° C to 35° C)	
	<b>Shipping</b>	-40°F to 140°F (-40° C to 60° C)	-40°F to 140°F (-40° C to 60° C)	-40°F to 140°F (-40° C to 60° C)	-40°F to 140°F (-40° C to 60° C)	-40°F to 140°F (-40° C to 60° C)	-40°F to 140°F (-40° C to 60° C)	
<b>Input Requirements</b>	<b>Nominal Line Voltage</b>	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	
	<b>Range Line Voltage</b>	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	
	<b>Line Frequency</b>	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz	
	<b>Typical Input Current</b>	30 W	210/240 W	210/240 W	210/240 W	340 W	340 W	
<b>Connectors</b>		68 pin LVDS	68 pin LVDS	68 pin LVDS	68 pin LVDS	68 pin LVDS	68 pin LVDS	
<b>Interface</b>		Ultra2 SCSI LVD/SE	Ultra2 SCSI LVD/SE	Ultra2 SCSI LVD/SE	Ultra2 SCSI LVD/SE	Ultra2 SCSI LVD/SE	Ultra2 SCSI LVD/SE	
<b>Reliability Features</b>	<b>MTBF</b>	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	
	<b>MSBF</b>	750,000 swaps	2,000,000 swaps	2,000,000 swaps	2,000,000 swaps	2,000,000 swaps	2,000,000 swaps	
<b>All Modles - Standards Compliance</b>	<b>Safety:</b>	IEC 60950, UL 60950, CSA 60950; EMC CISPR 22/class A, CISPR 24					For country specific compliance contact your local sales representative	

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